

**SECRET**

1964 SEP 16 18 31Z

**SECRET 161808Z**

PRIORITY  INFO PRIORITY  2930

OUT54098

16 SEP 1964 25X1

HFS ~~11~~ 25X1

~~CIB~~

1. SUBJECT IS FILM CLEANER AND RECOVERY UNIT. LETTER FROM ~~CIB~~  
HALL - JAR/S 1050/2 DATED 10 AUGUST REFERS.

~~PL~~

2. NEGOTIATIONS IN PROGRESS TO OBTAIN FOLLOWING REPLACEMENT ~~ACL~~  
PARTS ASAP:

A. THIRD STAGE COMPRESSOR COMPLETE.

Grace (File)

B. MOTOR CONTROLLER UNIT OF LATER DESIGN INCORPORATING  
SOLID STATE TECHNOLOGY.

3. CIRCUIT DIAGRAM AND INSTALLATION OF INSTRUCTIONS WILL  
BE INCLUDED IN PACKAGE WITH SPARES.

4. THE TRANSFORMERS PROVIDE FOR A 2:1 REDUCTION RATIO FOR ANY  
SUPPLY TO TO 480V MAXIMUM. INPUT VOLTAGE TO THE MACHINE STARTS  
TO BECOME CRITICAL OUTSIDE THE RANGE 214-226V (3 PER CENT APPROX)  
ON 50 CYCLE SUPPLY. IT IS BETTER TO HAVE VOLTAGE ON HIGH SIDE  
OF THIS TOLERANCE IF POSSIBLE. A 5 PERCENT VOLTAGE DROP TO BELOW  
209V IS CRITICAL.

5. PRECISE CAUSE OF FILM MARKING REMAINS OBSCURE DUE TO LACK  
OF DETAIL. IT IS SUGGESTED THAT COMBINATION OF FOLLOWING COULD  
CAUSE THIS DEFECT.

A. AS THIS MODEL OF CLEANER IS DESIGNED TO OPERATE IN  
UNISON WITH RECOVERY UNIT, DRYING EFFICIENCY IS GREATLY REDUCED

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25X1  
Classified from  
downgrading and  
declassification

WHEN AIR RE-CIRCULATION THROUGH RECOVERY UNIT IS IN-OPERATIVE.

B. WHITISH DEPOSIT COULD INDICATE FLUID FILTER MALFUNCTION THROUGH PARTIAL DISINTEGRATION OF MEMBRANE. IT IS ESSENTIAL TO WET ENTIRE MEMBRANE WITH SOLVENT AFTER ANY PROLONGED CLOSE DOWN OF MACHINE (E.G., ON INITIAL INSTALLATION AFTER TRANSPORTATION). THIS POINT NOT ADEQUATELY COVERED IN MANUAL (PARA 4.2) - RICHARDS INFORMED.

6. WILL KEEP YOU FULLY INFORMED OF DEVELOPMENTS RE PARA 2 - ESTIMATED DELIVERY TIME FROM FACTORY IS 3 WEEKS.

7. SHOULD YOU CONTINUE TO ENCOUNTER DIFFICULTIES WITH THE OPERATION OF THIS EQUIPMENT, IT MIGHT BE ADVISABLE FOR A TECH REP FROM RICHARDS CORP VISIT YOUR FACILITY TO ASSIST YOU. RICHARDS CORP HAS VOLUNTEERED TO SHARE COST OF SUCH AN ARRANGEMENT. IT IS REALIZED THAT THIS MIGHT POSE SOME SECURITY PROBLEMS, BUT PERHAPS THIS MIGHT BE NECESSARY FROM A TECHNICAL STANDPOINT.

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--END OF MESSAGE--